



1/9

ASSET PROPORTIONS	BUNDLE 100a		BUNDLE 100b		BUNDLE 100c		BUNDLE 100d	
	ASSET 1:	1.5	ASSET 1:	-3	ASSET 1:	0	ASSET 1:	-1
	101	102	101	102	101	102	101	102
ASSET 2:	0		0		-2		1	
ASSET 3:	-1		1		3		0	
ASSET 4:	-1		1.5		1.5		-1	
BUNDLE SIZE	30		30		25		50	
	105	105	105	105	105	105	105	105

FIG. 1

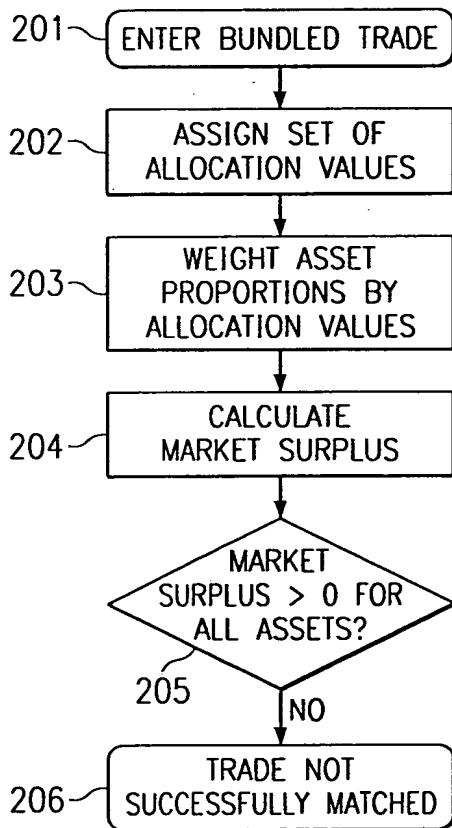


FIG. 2

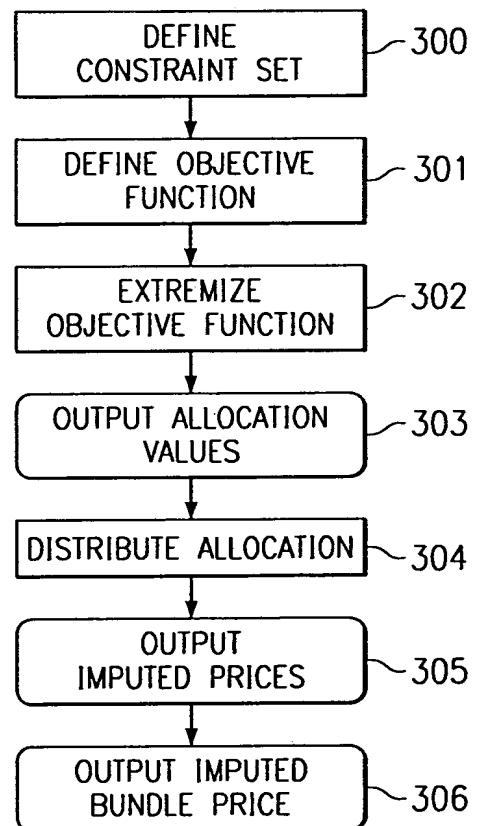


FIG. 3

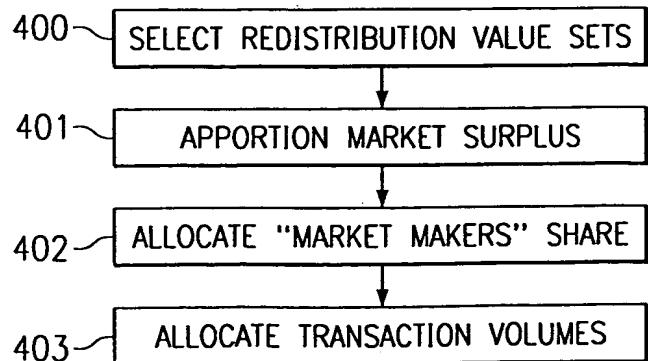
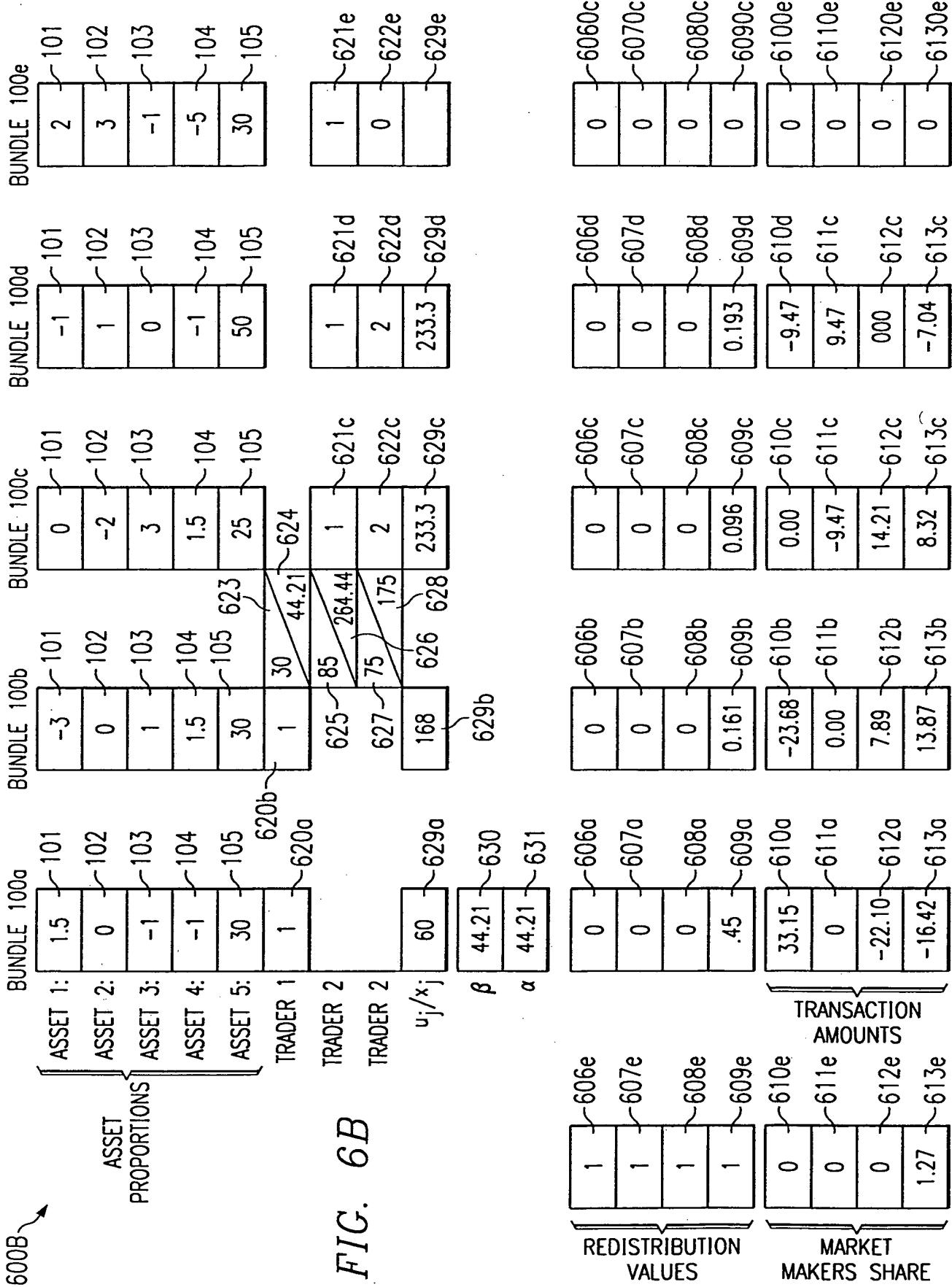


FIG. 4

ASSET PROPORTIONS	ASSET 1:	BUNDLE 100a		BUNDLE 100b		BUNDLE 100c		BUNDLE 100d		MARKET SURPLUS	
		1.5	101	-.3	101	0	101	-1	101	.95	502
	ASSET 2:	0	102	0	102	-2	102	1	102	0	503
	ASSET 3:	-1	103	1	103	3	103	0	103	0	504
	ASSET 4:	-1	104	1.5	104	1.5	104	-1	104	-.75	505
BUNDLE SIZE		30	105	30	105	25	105	50	105		
ALLOCATION VALUES		2.5	501a	1.3	501b	0.4	501c	0.8	501d		
REDISTRIBUTION VALUES		0.1	506e	0.225	506a	0.225	506b	0.225	506c	0.225	506d
	0.2	507e	0.2	507a	0.2	507b	0.2	507c	0.2	507d	
	0.1	508e	0.225	508a	0.225	508b	0.225	508c	0.225	508d	
	0.4	509e	0.15	509a	0.15	509b	0.15	509c	0.15	509d	
MARKET MAKERS SHARE		1.14	510e	47.57	510a	-44.2	510b	2.56	510c	-7.04	510d
	0	511e	0	511a	0	511b	-9.6	511c	9.6	511d	
	0	512e	-30	512a	15.6	512b	14.4	512c	0	512d	
	3.6	513e	-28.7	513a	24.75	513b	8.55	513c	-8.25	513d	

FIG. 5

FIG. 64



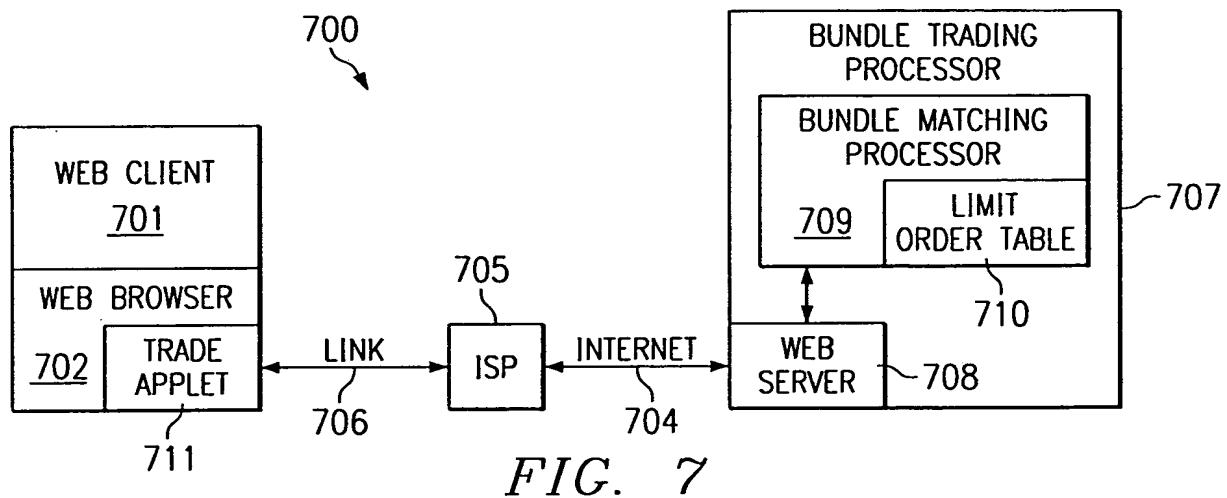


FIG. 7

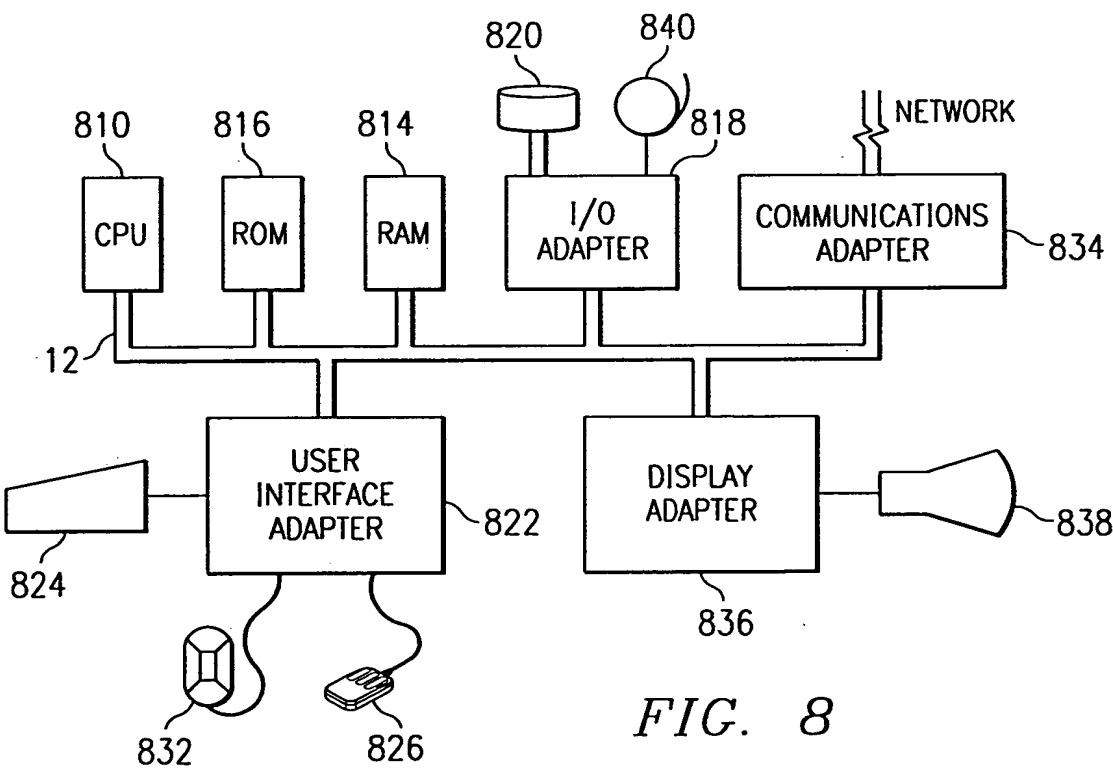


FIG. 8

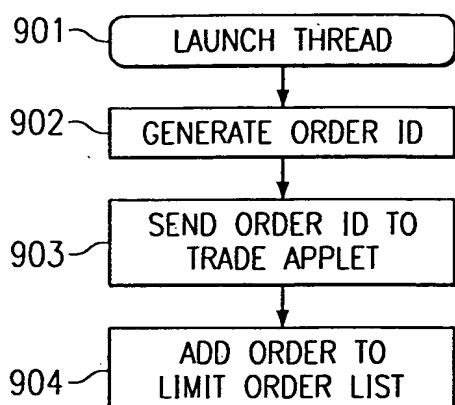


FIG. 9a

6/9

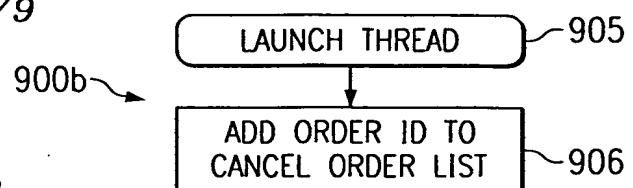


FIG. 9b

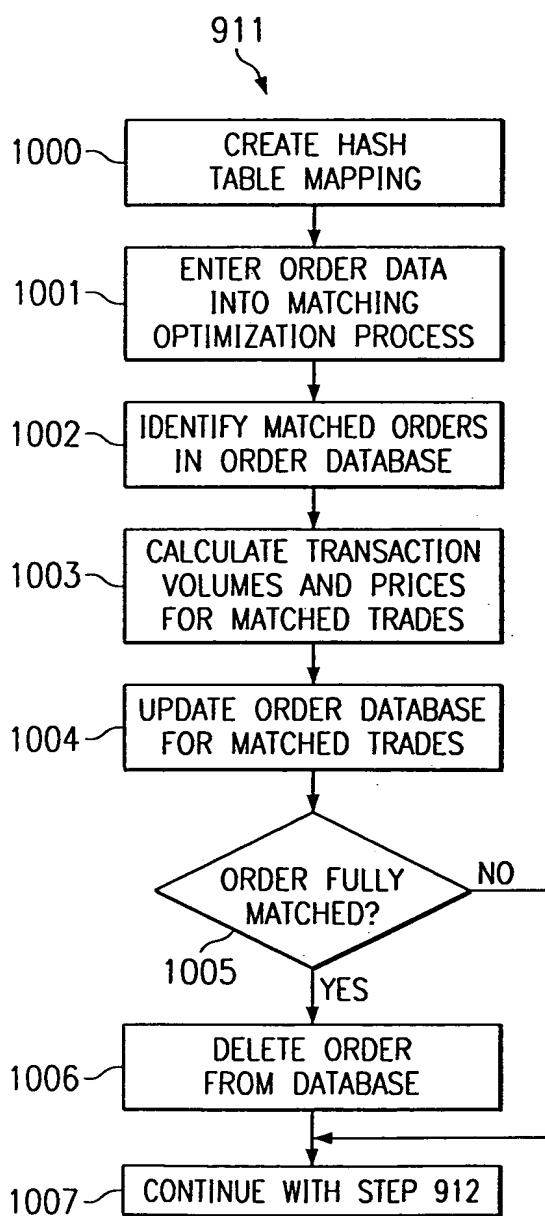


FIG. 10

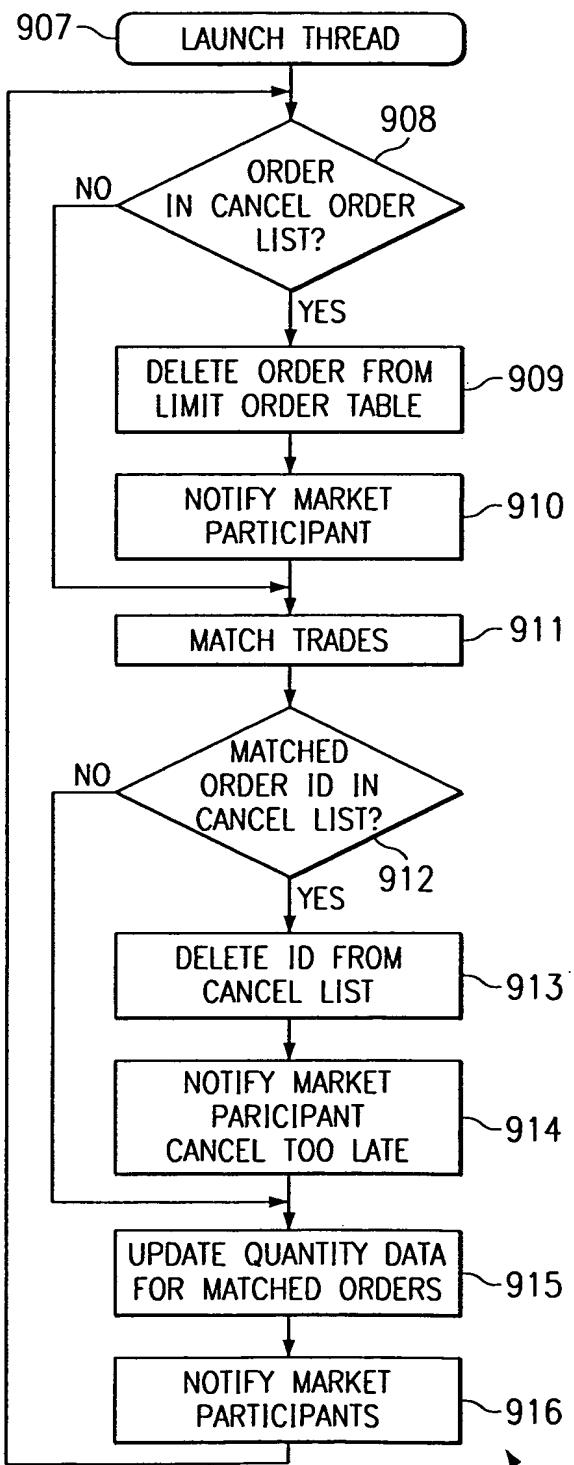


FIG. 9c

900c

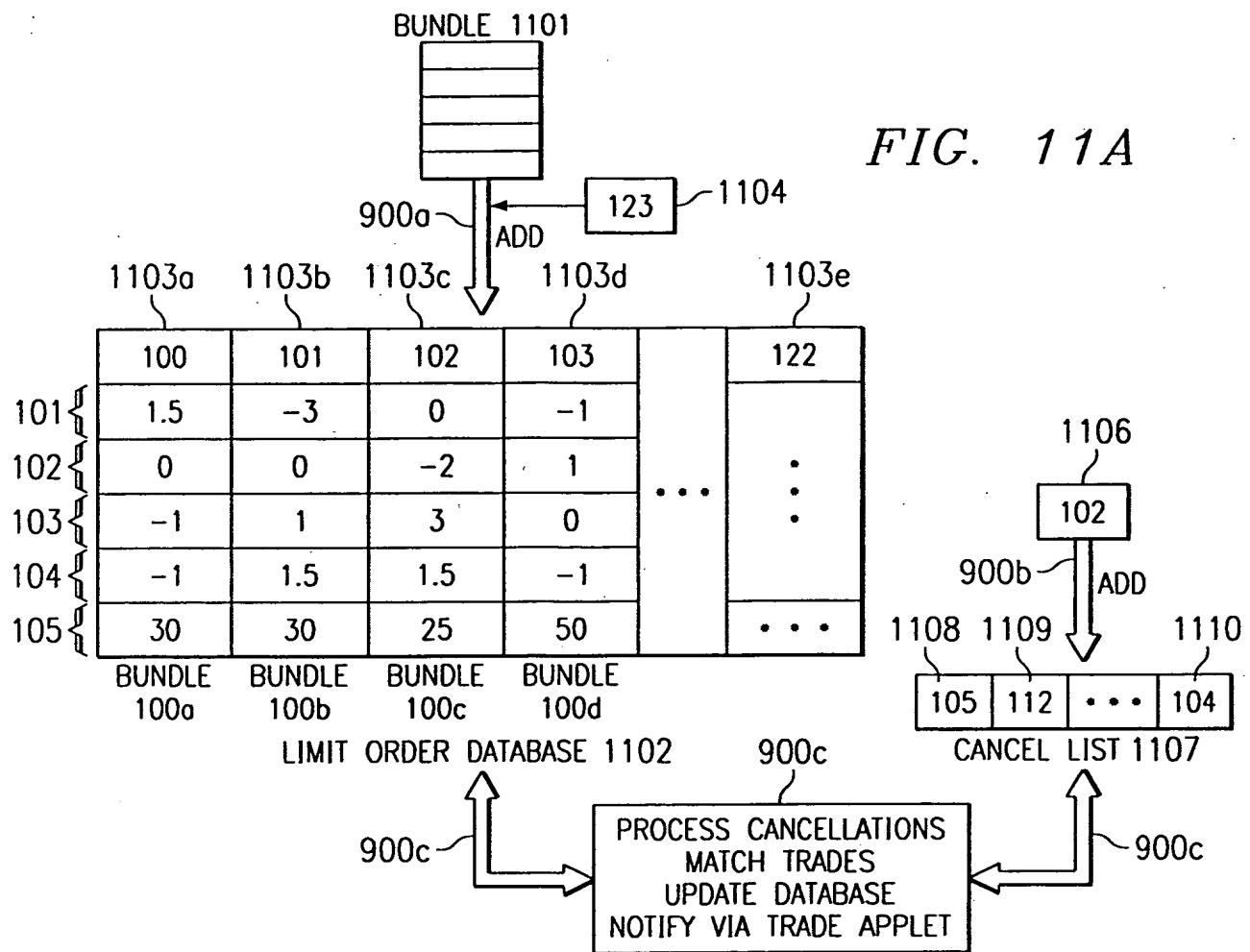


FIG. 12

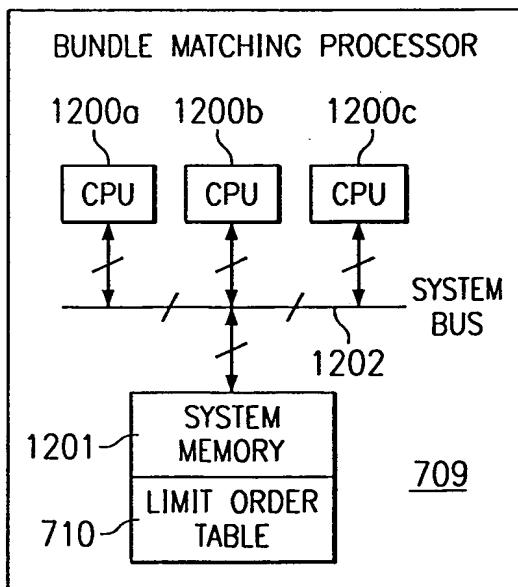


FIG. 13

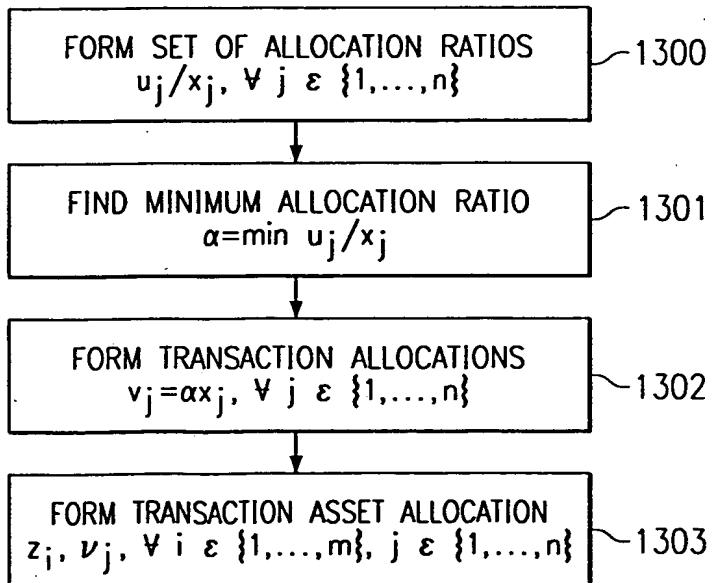
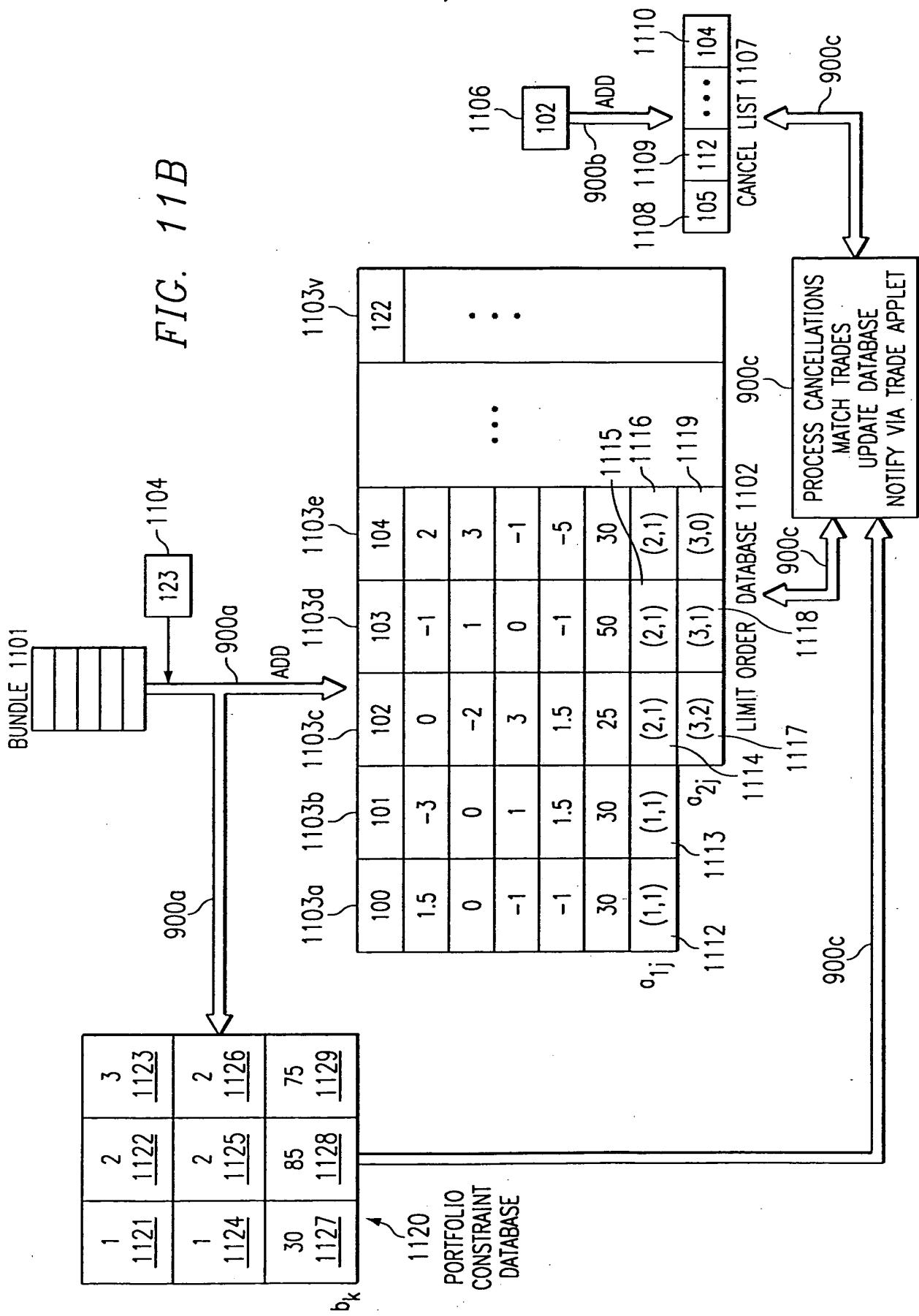
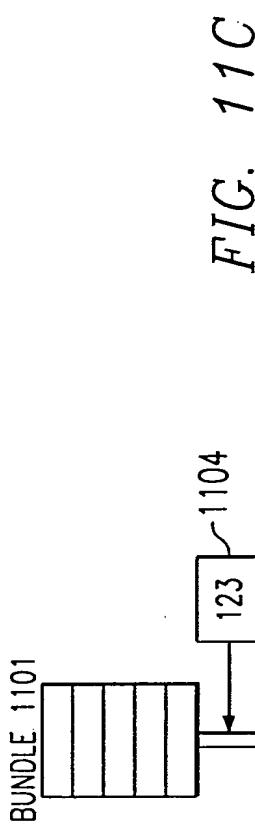


FIG. 11B

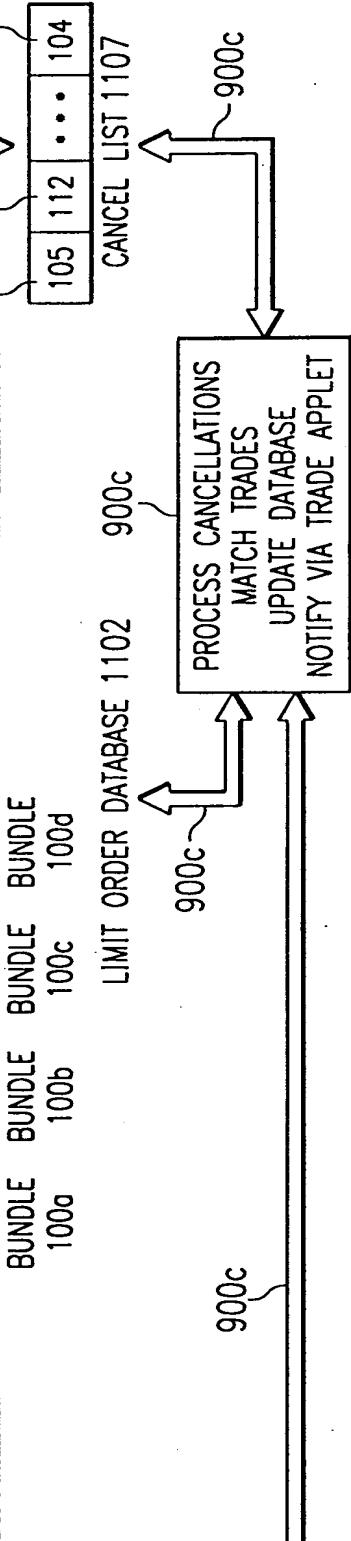


9/9



1	2	2	1131c
<u>1131a</u>	<u>1131b</u>	<u>1131c</u>	
1	1	2	
<u>1132a</u>	<u>1132b</u>	<u>1132c</u>	
30	85	75	
<u>1133a</u>	<u>1133b</u>	<u>1133c</u>	
<u>1134a</u>	<u>1134b</u>	<u>1134c</u>	
<u>1134d</u>	<u>1134e</u>	<u>1134f</u>	
<u>1134g</u>	<u>1134h</u>	<u>1134i</u>	
{100,1}	{102,1}	{102,2}	
{101,1}	{103,1}	{103,1}	
{104,1}	{104,0}	{104,0}	

BUNDLE	BUNDLE	BUNDLE	BUNDLE
100a	100b	100c	100d
101	102	103	104
-1	1	3	0
-1	1.5	1.5	-1
30	30	25	50
30	30	25	50
30	30	25	30



1130
PORTFOLIO CONSTRAINT DATABASE